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1 [Web page revisitation revisited: implications of a long-term click-stream study of browser usage](#)



Hartmut Obendorf, Harald Weinreich, Eelco Herder, Matthias Mayer

April 2007 CHI '07: Proceedings of the SIGCHI conference on Human factors in computing systems

Publisher: ACM

 Full text available: [pdf\(365.77 KB\)](#)
[Additional Information: full citation, abstract, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 445, Citation Count: 0

This paper presents results of an extensive long-term click-stream study of Web browser usage. Focusing on character and challenges of page revisitation, previous findings from seven to thirteen years ago are updated. The term *page re-visit* had ...

Keyw ords: WWW, history, hypertext, navigation, recurrence rate, revisitation, web browser interfaces, web browsing

2 [Not quite the average: An empirical study of Web use](#)



Harald Weinreich, Hartmut Obendorf, Eelco Herder, Matthias Mayer

February 2008 ACM Transactions on the Web (TWEB), Volume 2 Issue 1

Publisher: ACM

 Full text available: [pdf\(967.16 KB\)](#)
[Additional Information: full citation, abstract, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 136, Downloads (12 Months): 136, Citation Count: 0

In the past decade, the World Wide Web has been subject to dramatic changes. Web sites have evolved from static information resources to dynamic and interactive applications that are used for a broad scope of activities on a daily basis. To examine the ...

Keyw ords: Navigation, WWW, Web, browser interfaces, hypertext, usability, user study, web browsing, web design

3 [A Web Browser for Ajax Approach with Asynchronous Communication Model](#)

Noriko Hanakawa, Nao Ikemiya

December 2006 WI '06: Proceedings of the 2006 IEEE/WIC/ACM International Conference on Web Intelligence



Publisher: IEEE Computer Society

 Full text available: [pdf\(615.71 KB\)](#)
[Additional Information: full citation, abstract, index terms](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 430, Citation Count: 0

We can receive large information from various web sites using the Internet. The web sites are important means to collect the required information in researching, learning, and even in commerce activities. Importance of web browsers grows increasingly ...

4 [Visualization of web spaces: state of the art and future directions](#)

 Ozgur Turetken, Ramesh Sharda
 July 2007 ACM SIGMIS Database, Volume 38 Issue 3
 Publisher: ACM
 Full text available:  pdf(1.39 MB)



Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 500, Citation Count: 0

The World Wide Web is a dominant global communication medium and knowledge repository. It is used by a great number of people with a variety of computer skills hence its usability is critical. As with many large information collections, the challenge ...

Keywords: human-computer interaction, information visualization, web usability

5 [PageTailor: reusable end-user customization for the mobile web](#)

 Nilton Bila, Troy Ronda, Iqbal Mohamed, Khai N. Truong, Eyal de Lara
 June 2007 MobiSys '07: Proceedings of the 5th international conference on Mobile systems, applications and services
 Publisher: ACM
 Full text available:  pdf(1.27 MB)




Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 216, Citation Count: 0

Most pages on the Web are designed for the desktop environment and render poorly on the small screens available on handheld devices. We introduce Reusable End-User Customization (REUC), a technique that lets end users adapt the layout of Web pages by ...

Keywords: customization, end-user, mobile web, small screen



6 [Communications of the ACM: Volume 51 Issue 2](#)

 February 2008 issue Volume 51 Issue 2
 Publisher: ACM
 Full text available:  pdf(3.89 MB)  digital edition(00 bytes)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 385, Downloads (12 Months): 645, Citation Count: 0

7 [Off the beaten tracks: exploring three aspects of web navigation](#)

 Harald Weinreich, Hartmut Obendorf, Eelco Herder, Matthias Mayer
 May 2006 WWW '06: Proceedings of the 15th international conference on World Wide Web
 Publisher: ACM
 Full text available:  pdf(440.42 KB)



Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 270, Citation Count: 6

This paper presents results of a long-term client-side Web usage study, updating previous studies that range in age from five to ten years. We focus on three aspects of Web navigation: changes in the distribution of navigation actions, speed of navigation ...

Keywords: browser interfaces, clickstream study, hypertext, navigation, user modeling

8 [WebQuilt: A proxy-based approach to remote web usability testing](#)

 July 2001 ACM Transactions on Information Systems (TOIS), Volume 19 Issue 3
 Publisher: ACM
 Full text available:  pdf(2.89 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 163, Citation Count: 13

WebQuilt is a web logging and visualization system that helps web design teams run usability tests (both local and remote) and analyze the collected data. Logging is done through a proxy, overcoming many of the problems with server-side and client-side ...

Keywords: Usability evaluation, WebQuilt, log file analysis, web proxy, web visualization

9 [Doppelganger: Better browser privacy without the bother](#)



Umesh Shankar, Chris Karlof

October 2006 CCS '06: Proceedings of the 13th ACM conference on Computer and communications security

Publisher: ACM

Full text available: [pdf\(985.19 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 151, Citation Count: 0

We introduce Doppelganger, a novel system for creating and enforcing fine-grained, privacy preserving browser cookie policies with low manual effort. Browser cookies pose privacy risks, since they can be used to track users' actions in detail, but some ...

Keywords: cookies, usable security, web privacy

10 [An exploration of the principles underlying redundancy-based factoid question answering](#)



Jimmy Lin

April 2007 ACM Transactions on Information Systems (TOIS), Volume 25 Issue 2

Publisher: ACM

Full text available: [pdf\(764.99 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 361, Citation Count: 1

The so-called "redundancy-based" approach to question answering represents a successful strategy for mining answers to factoid questions such as "Who shot Abraham Lincoln?" from the World Wide Web. Through contrastive and ...

Keywords: Data redundancy, Web search

11 [Comparing Knowledge Sources for Nominal Anaphora Resolution](#)

Katja Markert, Malvina Nissim

September 2005 Computational Linguistics, Volume 31 Issue 3

Publisher: MIT Press

Full text available: [pdf\(338.10 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 50, Citation Count: 1

We compare two ways of obtaining lexical knowledge for antecedent selection in *other*-anaphora and definite noun phrase coreference. Specifically, we compare an algorithm that relies on links encoded in the manually created lexical hierarchy WordNet ...

12 [An Integrated Framework for Dependable and Revivable Architectures Using Multicore Processors](#)

Weidong Shi, Hsien-Hsin S. Lee, Laura T. Falk, Mrinmoy Ghosh

June 2006 ISCA '06: Proceedings of the 33rd annual international symposium on Computer Architecture

Publisher: IEEE Computer Society

Full text available: [pdf\(536.54 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 292, Citation Count: 2

This paper presents a high-availability system architecture called INDRA an Integrated framework for Dependable and Revivable Architecture that enhances a multicore processor (or CMP) with novel security and fault recovery mechanisms. INDRA represents ...

13 [An Integrated Framework for Dependable and Revivable Architectures Using Multicore Processors](#)



Weidong Shi, Hsien-Hsin S. Lee, Laura T. Falk, Mrinmoy Ghosh

May 2006 ACM SIGARCH Computer Architecture News, Volume 34 Issue 2

Publisher: ACM

Full text available:  pdf(536.54 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 292, Citation Count: 2


This paper presents a high-availability system architecture called INDRA an INTEgrated framework for Dependable and Revivable Architecture that enhances a multicore processor (or CMP) with novel security and fault recovery mechanisms. INDRA represents ...

14 [Trusted paths for browsers](#)

Zishuang (Eileen) Ye, Sean Smith, Denise Anthony

May 2005 ACM Transactions on Information and System Security (TISSEC), Volume 8 Issue 2

Publisher: ACM

Full text available:  pdf(265.37 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 215, Citation Count: 3

Computer security protocols usually terminate in a computer; however, the human-based services which they support usually terminate in a human. The gap between the human and the computer creates potential for security problems. We examine this gap, as ...


Keyw ords: HCISEC, Trust path, Web browser security

15 [SearchBar: a search-centric web history for task resumption and information re-finding](#)

Dan Morris, Meredith Ringel Morris, Gina Venolia

April 2008 CHI '08: Proceeding of the twenty-sixth annual SIGCHI conference on Human factors in computing systems

Publisher: ACM

Full text available:  pdf(679.83 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

Current user interfaces for Web search, including browsers and search engine sites, typically treat search as a transient activity. However, people often conduct complex, multi-query investigations that may span long durations and may be interrupted ...


Keyw ords: persistent search, web history, web search interfaces

16 [The site browser: catalyzing improvements in hypertext organization](#)

David Gibson

August 2004 HYPERTEXT '04: Proceedings of the fifteenth ACM conference on Hypertext and hypermedia

Publisher: ACM

Full text available:  pdf(1.62 MB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 34, Citation Count: 1

The Site Browser endeavors to build an overview browsing system for the entire Web. Overview browsing represents an alternative to the search-based view of information work, and does so by providing a consistent set of summary views which can be browsed ...


Keyw ords: aggregation, overview browsing

17 [Smartback: supporting users in back navigation](#)

Natasa Milic-Frayling, Rachel Jones, Kerry Rodden, Gavin Smyth, Alan Blackwell, Ralph Sommerer

May 2004 WWW '04: Proceedings of the 13th international conference on World Wide Web

Publisher: ACM

Full text available:  pdf(1.25 MB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 119, Citation Count: 6

This paper presents the design and user evaluation of SmartBack, a feature that complements the standard Back button by enabling users to jump directly to key pages in their navigation session, making common


navigation activities more efficient. Defining ...

Keywords: back navigation, browsing, navigation, revisitation, usability study, web trails, web usage

18 Generating web-based user interfaces for diagramming tools

Shuping Cao, John Grundy, John Hosking, Hermann Stoeckle, Ewan Tempero, Nianping Zhu
January 2005 AUI C '05: Proceedings of the Sixth Australasian conference on User interface - Volume 40, Volume 40

Publisher: Australian Computer Society, Inc.

Full text available:  pdf(946.23 KB)


Additional Information: full citation, abstract, references, index terms


Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 115, Citation Count: 0

Thin-client diagramming tools provide a number of advantages over traditional thick-client design tools but are challenging to build. We describe an extension to a thick-client meta-tool that allows any specified diagram editor to be realised as a thin-client ...

Keywords: meta-tools, thin-client diagramming, web-based design tools

19 Navigating in a mobile XHTML application

 Anne Kaikkonen, Virpi Roto
April 2003 CHI '03: Proceedings of the SIGCHI conference on Human factors in computing systems
Publisher: ACM

Full text available:  pdf(247.55 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 260, Citation Count: 16


The Internet has been a great success in the fixed world, whereas WAP (Wireless Application Protocol), the mobile Internet, has not fulfilled its promise. However, now the analysts have started to believe in a rise of the mobile Internet again. WAP 2.0, ...

Keywords: WAP, XHTML mobile profile, mobile internet, mobile phones, navigation, wireless web

20 Clicki: a framework for light-weight web-based visual applications

Donald Gordon, James Noble, Robert Biddle
January 2005 AUI C '05: Proceedings of the Sixth Australasian conference on User interface - Volume 40, Volume 40

Publisher: Australian Computer Society, Inc.

Full text available:  pdf(238.61 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 61, Citation Count: 0

Web application frameworks typically provide little support for graphical web applications such as diagram editors. This restricts applications developed using these frameworks to either very limited interactions, or using technologies that are only ...

Keywords: framework, visual, web

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